

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	786	(73/149).CCL.S	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/22 06:00
L2	23	L1 and (sonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/22 06:00
L3	22	(US-20070193350-\$ or US-20060277979-\$ or US-20050166667-\$ or US-20040255648-\$ or US-20040074287-\$ or US-20090217749-\$).did. or (US-7201041-\$ or US-7111500-\$ or US-7059176-\$ or US-6951128-\$ or US-6282949-\$ or US-5385069-\$ or US-4640130-\$ or US-5531111-\$ or US-4991433-\$ or US-4561298-\$ or US-3596510-\$).did. or (US-3075382-\$).did. or (GB-2143325-\$).did. or (JP-01047932-\$ or JP-02170019-\$ or JP-03108614-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/12/22 06:24
L4	3	3 and ("MEM" maximum adj entropy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/22 06:24
L5	1	3 and voice adj coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/22 06:28
L6	1	3 and (signal voltage) with input same (speaker loudspeaker sound near3 (generator emitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/22 06:47
L7	12	1 and (signal voltage) with input same (speaker loudspeaker sound near3 (generator emitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/22 06:49

L8	2	3 and constant adj current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/22 07:43
L9	1	1 and constant adj current with (drive input) with (speaker loudspeaker)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/22 07:46
L10	2	"6581452"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/22 07:53
L11	0	10 and (signal voltage) with input same (speaker loudspeaker sound near3 (generator emitter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/22 07:56
S1	6	"594088".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/11 14:39
S2	1	(US-20070193350-\$).did.	US-PGPUB	OR	ON	2009/08/13 09:56
S3	34	"1" and plurality with acoustic adj tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/13 09:56
S4	1	S2 and plurality with acoustic adj tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/08/13 09:56
S5	249	(73/54.41).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/01 10:39
S6	0	("2008/0314128").URPN.	USPAT	OR	ON	2009/12/01 10:41
S7	234	(73/64.53).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/01 12:08
S8	274	(73/24.06).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/01 12:13
S9	560	(73/32A).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/01 12:13

S10	2132	(73/579).CQLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/01 12:14
S11	146	(73/61.49).CQLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/01 12:14
S12	7	(S5 S7 S8 S9 S10 S11) and piezoelectric and free adj vibration same damp \$3 and (amplification amplify amplif\$3 amplitude)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 12:17
S13	88	(S5 S7 S8 S9 S10 S11) and piezoelectric and standing adj wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 12:17
S14	34	(S5 S7 S8 S9 S10 S11) and piezoelectric and standing adj wave and amplitude with (change modulation damping)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 12:23
S15	7	"875380".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 15:29
S16	5	"977820".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 15:30
S17	6	"961092".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/01 15:32
S18	786	(73/149).CQLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/21 19:17
S19	128	S18 and (acoustic sound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/21 19:18
S20	2136	(73/579).CQLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/21 19:20
S21	8	S20 and volume adj measur\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/21 19:20

S22	0	("2007/0193350").URPN.	USPAT	OR	ON	2009/12/21 19:23
S23	23	("4991433").URPN.	USPAT	OR	ON	2009/12/21 20:24
S24	15	("2666326"   "3075382"   "3118890"   "3324716"   "4145914"   "4189722"   "4433577"   "4535627"   "4599892"   "4811595"   "4811601").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/21 20:25
S25	17	("3075382").URPN.	USPAT	OR	ON	2009/12/21 20:26
S26	6	("5531111").URPN.	USPAT	OR	ON	2009/12/21 20:27
S27	7	("3075382"   "3237451"   "4704902"   "4713966"   "5309769").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/21 20:28

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	3	(73/149).CCLS	UPAD	OR	OFF	2009/12/22 08:14

12/ 22/ 09 8:14:48 AM

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 \ 10594088\_volume\_measure\_acoustic.wsp